



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Noel C. MacDonald et al ) Group Art Unit No. 2856  
Application No. : 10/823,559 ) Examiner:  
Filed : April 14, 2004 )  
For : Metal MEMS Devices )  
and Methods of )  
Making Same )

**SUBMISSION OF POWER OF ATTORNEY**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

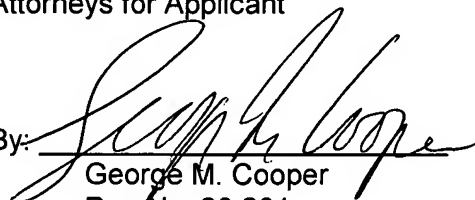
Enclosed is a new Power of Attorney for the above-listed application.

Respectfully submitted,

Noel C. MacDonald et al.  
Applicant

JONES, TULLAR & COOPER, P.C.  
Attorneys for Applicant

By:

  
George M. Cooper  
Reg No. 20,201

July 21, 2004  
JONES, TULLAR & COOPER, P.C.  
P.O. Box 2266 Eads Station  
Arlington, Virginia 22202  
(703) 415-1500



PATENT

Attorney Docket No.: UC 2003-360

Applicant: Noel C. MacDonald and Marco F. Aimi  
Serial No.: 10/823,559  
Filed: 14 April 2004  
For: Metal MEMS Devices and Methods of Making Same  
Group: 2856  
Examiner: (TBA)

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71**

Dear Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints Jones, Tullar & Cooper, P.C. (Customer No. 23294), comprising George M. Cooper, Reg. No. 20201; Douglas R. Hanscom, Reg. No. 26600; William A. Blake, Reg. No. 30548; Jennifer P. Yancy, Reg. No. 47003; and Alexander D. Raring, Reg. No. 52,502 as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71.

An assignment of the entire interest in the above-identified subject application:

- ☒ [ X ] was recorded on 14 April 2004 at reel/frame \_\_\_\_\_ / \_\_\_\_\_ (copy enclosed)
- ☐ [ ] is submitted herewith for recording.

Please direct all telephone calls to George M. Cooper at 703-415-1500 and all correspondence relative to said application to the following address:

George M. Cooper  
JONES, TULLAR & COOPER, P.C.  
P.O. Box 2266 Eads Station  
Arlington, VA 22202

Dated: July 6, 2004

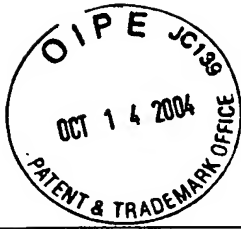
ASSIGNEE: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Signature:

  
Linda S. Stevenson

Title: Manager, Patent Prosecution

Office of Technology Transfer  
1111 Franklin Street, 5<sup>th</sup> Floor  
Oakland CA 94607-5200



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 05, 2004

PTAS



\*102724288A\*

JONES, TULLAR & COOPER, P.C.  
GEORGE M. COOPER  
P.O. BOX 2266 EADS STATION  
ARLINGTON, VA 22202

2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/14/2004

REEL/FRAME: 015214/0543  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MACDONALD, NOEL C.

DOC DATE: 04/09/2004

ASSIGNOR:  
AIMI, MARCO F.

DOC DATE: 04/09/2004

ASSIGNEE:  
REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET, TWELFTH  
FLOOR  
OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 10823559

FILING DATE: 04/14/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METAL MEMS DEVICES AND METHODS OF MAKING SAME

015214/0543 PAGE 2

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450



102724288

17548 U.S.PTO  
10/823559



**COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING  
NEW PATENT APPLICATION (37 C.F.R. § 3.31)**

**IDENTIFICATION OF APPLICATION**  
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

1. The patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:
  - a. Type of application: Application of patent (37 C.F.R. § 1.53(b))
  - b. Date of execution: April 9, 2004
  - c. Name of each inventor:  

1: Noel C. MacDonald  
2: Marco F. Aimi
  - d. Title of invention: Metal MEMS Devices and Methods of Making Same

10823559

**NAME OF PARTY(IES) CONVEYING INTEREST (37 C.F.R. § 3.31(a)(1))**

2. The parties conveying this interest are:

Name 1: Noel C. MacDonald  
Name 2: Marco F. Aimi

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST**  
(37 C.F.R. § 3.31(a)(2))

3. The rights are being conveyed to:

The Regents of the University of California  
1111 Franklin Street, Twelfth Floor  
Oakland, CA 94607-5200  
510-587-6000

**DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED  
(37 C.F.R. § 3.31 (a)(3))**

4. The accompanying document intends to accomplish:  
  
an assignment.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE  
SHOULD BE MAILED (37 C.F.R. § 3.31(a)(5))**

5. Please address correspondence to:

George M. Cooper  
Jones, Tullar & Cooper, P.C.  
P.O. Box 2266 Eads Station  
Arlington, VA 22202  
703-415-1500

**DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 C.F.R. § 3.31(a)(7))**

6. The attached assignment (document) was executed on April 9, 2004.

**LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED**

7. The attached document is in the English language.

**ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED**

8. Submitted herewith is a true copy of the original document.

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET  
AND THE FEE**

9. A. This cover sheet identifies only one application.  
B. The fee for recordal (37 C.F.R. § 1.21(h)) is \$40.00.

Attached is a check in the amount of \$40.00.

A duplicate of this paper is attached.

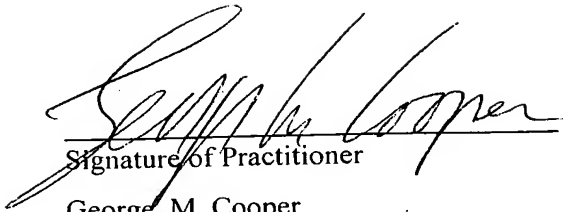
**STATEMENT (37 C.F.R. § 3.31(a)(9))  
AND SIGNATURE (37 C.F.R. § 3.31(a)(10))**

10. To the best of my knowledge and belief, the foregoing information is true and correct and any

attached copy is a true copy of the original document.

Date: April 14, 2004

Reg. No.: 20201  
Tel. No.: 703-415-1500  
Customer No.: 23294

  
\_\_\_\_\_  
Signature of Practitioner

George M. Cooper  
Jones, Tullar & Cooper, P. C.  
P. O. Box 2266 Eads Station  
Arlington, VA 22202  
US

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

11. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 5

## ASSIGNMENT

U.C. Case No. 2003-360-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Noel C. MacDonald

2. Marco F. Aimi

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### **METAL MEMS DEVICES AND METHODS OF MAKING SAME**

and which is found in

- (a)        U.S. provisional application filed herewith and listing the above named persons as inventors
- (b)   X   U.S. patent application filed herewith and listing the above named persons as inventors
- (c)        U.S. application serial no.                                 , filed on
- (d)        U.S. Patent No.:                                 , issued

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

Signature of Inventor(s)

  9   day of   April  , 2004

  9   day of   April  , 2004

Noel C. MacDonald  
Marco F. Aimi